# Configuring and Troubleshooting Identity and Access Solutions with Windows Server 2008 Active Directory

Duration: Three Days

## Course Objectives

This three-day instructor-led course provides in-depth knowledge on configuring and troubleshooting Identity and Access (IDA) solutions with Windows Server® 2008 Active Directory®.

## At Course Completion

After completing this course, students will be able to:

- Explore Identity and Access (IDA) solutions.
- Deploy and Manage Active Directory Certificate Services (AD CS).
- Deploy and Manage Certificates.
- Configure Active Directory Lightweight Directory Services (AD LDS).
- Configure Active Directory Federation Services (AD FS).
- Configure Active Directory Rights Management Services (AD RMS).
- Maintain access management solutions.
- Troubleshoot IDA solutions.

## Who Should Attend

This course is intended for those who want to understand how IDA solutions are implemented in Windows Server 2008. This course provides a technology overview of IDA and PKI solutions, and details the implementation of each of the roles in Windows Server 2008 that implement the IDA solution. Also architects, IT professionals, and developers who are responsible for integrating applications and platforms with enterprise directory and security services would benefit from this course.

This course requires that you meet the following prerequisites:

- Technical background knowledge and hands-on experience of Active Directory Domain Services (AD DS). This includes technical knowledge equivalent to 6425B: Configuring Windows Server 2008 Active Directory Domain Services.

## Curse Content

Exploring Identity and Access Solutions
*Lessons*
• Overview of Identity and Access Management
• Active Directory Server Roles in Identity and Access Management
• Identity Lifecycle Manager

Configuring Active Directory Certificate Services
*Lessons*
• Overview of Public Key Infrastructure
• Deploying a Certification Authority Hierarchy
• Installing Active Directory Certificate Services
• Managing a Certification Authority

Deploying and Managing Certificates
*Lessons*
• Deploying Certificates by Using AD CS
• Deploying Certificates by Using Autoenrollment
• Revoking Certificates
• Configuring Certificate Templates
• Configuring Certificate Recovery

Configuring Active Directory Lightweight Directory Services
*Lessons*
• Installing and Configuring AD LDS
• Configuring AD LDS Instances
• Configuring AD LDS Replication
• Configuring AD LDS Integration with AD DS
• Configuring Claims Aware Application
• Testing the Functionality of AD FS
• Installing Identity Management for UNIX (Serveronly)

Configuring Active Directory Rights Management Services
*Lessons*
• Overview of AD RMS
• Installing and Configuring AD RMS Server Components
• Administering AD RMS
• Implementing AD RMS Trust Policies

Maintenance of Access Management Solutions
*Lessons*
• Support for AD CS
• Maintenance of AD LDS
• Long-term support for AD FS
• Preservation of AD RMS
*Lab: Maintaining Access Management Solutions*
• Maintaining AD CS
• Maintaining AD LDS
• Maintaining AD FS
• Maintaining AD RMS

Troubleshooting Identity and Access Solutions
*Lessons*
• Troubleshooting AD CS
• Troubleshooting AD LDS
• Troubleshooting AD FS
• Troubleshooting AD RMS
*Lab: Troubleshooting Active Directory Server Roles*
• Troubleshooting AD CS
• Troubleshooting AD LDS
• Troubleshooting AD FS
• Troubleshooting AD RMS